Participant Questionnaire

Participant number:		Da	ate:	
Location:		4		To the second of the second
HRC Study / Algorithms tested:				
Study Conducted by:	*			
Participant link lengths/dimensions	s: (meters , "spine" is pelvis to shoulde	r midpoint, "shoulders"	is shoulder to sh	oulder)
Spine	Left Upper Arm ィろG	Right Upper Arm	.36	
Neck	Left Forearm .25	Right Forearm	,26	
Shoulders . 34				
Participant joint diameter: (meters)			
Left Elbow . O 9	Right Elbow , 09			
Left Wrist .057	Right Wrist . O C			

Questions:

- A. How safe did you feel? (0 is not safe at all, 5 is neutral, 10 is very safe)
- B. Do you think the robot hindered your motions during the task? (0 is robot completely prevented your motions, 5 is neutral, 10 is robot did not impede you motion)
- C. Did the robot perform logical motions? (0 is robot motions made no sense to you, 5 is neutral, 10 is robot motions made sense to you)
- D. What is your overall satisfaction with the HRC task? (0 is you would not work in this HRC cell again, 5 is neutral, 10 is you enjoyed working in this cell with the robot)

Participant number:	15	Date:	
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For Task 1 (engine parts): (circle your answer to each question)

Task 1, Me	thod 1:									
Question A	A: (0 is not	safe at all, 5	is neutral,	10 is very	safe)				1 7	
0	1	2	3	4	5	6	7	(3)	9	10
Question I	B: (0 is rob	ot complete	ly prevente	ed your mo	tions, 5 is r	neutral, 10 i	is robot did	not imped	e you motic	on)
0	1	2	3	4	5	6	(7)	8	9	10
Question	C: (0 is rob	ot motions	made no se	nse to you	, 5 is neutra	al, 10 is rob	ot motions	made sens	se to you)	
0	1	2	3	4	5	6	7	<u>③</u>	9	10
Question D: (0 is you would not work in this HRC cell again, 5 is neutral, 10 is you enjoyed working in this cell with the robot)										
0	1	2	3	4	5	6	7	8	9	10

Task 1, M	ethod 2:									
Question	A: (0 is not	safe at all, 5	is neutral	, 10 is very	safe)			71		ter \$ 14 a
0	1	2	3	4	5	6	7	8	9	10
Question	B: (0 is robo	ot complete	ly prevent	ed your mo	tions, 5 is r	neutral, 10 i	s robot did	not impede	you motic	n)
0	1	2	3	4	5	6	7	8	9	10
Question	C: (0 is rob	ot motions	made no se	ense to you	, 5 is neutra	al, 10 is rob	ot motions	s made sens	e to you)	
0	1	2	3	4	5	6	(7)	8	9	10
Question D: (0 is you would not work in this HRC cell again, 5 is neutral, 10 is you enjoyed working in this cell with the robot)										
0	1	2	3	4	5	6	7	8	9	10

Task 1, Me	ethod 3:								v	
Question	A: (0 is not	safe at all, !	5 is neutral	, 10 is very	safe)			1 1	THE RESERVE	
0	1	2	3	4	5	6	7 7	8	9	10
Question	Question B: (0 is robot completely prevented your motions, 5 is neutral, 10 is robot did not impede you motion)									
0 "	1	2	3	4	5	, 6	7	8	9	10
Question	C: (0 is rob	ot motions	made no se	ense to you	ı, 5 is neutr	al, 10 is rob	ot motions	made sen	se to you)	
0	1	2	3	4	5	6	7	8	9	10
Question [Question D: (0 is you would not work in this HRC cell again, 5 is neutral, 10 is you enjoyed working in this cell with the robot)									
0	1	2	3	4	5	6	7	8	9	10

Comments:

Participant number:	15	Date:	
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For Task 2 (Sharework parts: metal tabs, cylinders, pallets): (circle your answer to each question)

Task 2, Mo	ethod 1:	- Fr						4		
Question A: (0 is not safe at all, 5 is neutral, 10 is very safe)										
0	1	2	3	4	5	6	7	8	9	10
Question B: (0 is robot completely prevented your motions, 5 is neutral, 10 is robot did not impede you motion)										
0	1	2	3	4	5	6	7	8	9	10
Question	C: (0 is robo	ot motions r	made no se	nse to you	ı, 5 is neutra	al, 10 is rob	ot motions	made sens	e to you)	
0	1	2	3	4	5	6	7	8	9	10
Question D: (0 is you would not work in this HRC cell again, 5 is neutral, 10 is you enjoyed working in this cell with the robot)										
0	1	2	3	4	5	6	7	8	9	10

Task 2, M	ethod 2:									3 9
Question	A: (0 is not	safe at all, !	5 is neutral	, 10 is very	safe)			1 1		
0	1	2	3	4	5	6	7 ,	8	<u></u>	10
Question B: (0 is robot completely prevented your motions, 5 is neutral, 10 is robot did not impede you motion)										
0	1	2	3	4	5	6	7	8	9	10
Question	C: (0 is robo	ot motions	made no s	ense to you	, 5 is neutra	al, 10 is rob	ot motions	made sen	se to you)	
0	1	2	3	4	5	6	7	8	9	10
Question D: (0 is you would not work in this HRC cell again, 5 is neutral, 10 is you enjoyed working in this cell with the robot)										
0	1	2	3	4	5	6	7	8	9	10

Task 2, Me	thod 3:				1					
Question A	Question A: (0 is not safe at all, 5 is neutral, 10 is very safe)									
0	1	2	3	4	5	6	7	8	9	10
Question B: (0 is robot completely prevented your motions, 5 is neutral, 10 is robot did not impede you motion)										
0	1	2	3	4	5	6	7	8	9	10
Question (C: (0 is rob	ot motions r	nade no se	ense to you	, 5 is neutra	al, 10 is rob	ot motions	made sense	e to you)	
0	1	2	3	4	5	6	7	8	9	10
Question D: (0 is you would not work in this HRC cell again, 5 is neutral, 10 is you enjoyed working in this cell with the robot)										
0	1	2	3	4	5	6	7	8	9	10

Comments: Experience: 3 Didn't like robot close to face Ok with robot going over head.

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